

8 CHANGE-QUANTITY CALCULATING DEVICE

9 PREVIOUS FRAME IMAGE REPRODUCER

10 FRAME DATA CORRECTION DEVICE

Fig. 1

n FRAME

	A	B	C	D
a	52	152	52	52
b	52	152	52	52
c	48	148	48	48
d	48	148	48	48

$L_a=100$   $L_b=100$

0	1	0	0
0	1	0	0
0	1	0	0
0	1	0	0

(a)

(b)

	A	B	C	D
a	50	150	50	50
b	50	150	50	50
c	50	150	50	50
d	50	50	50	50

(c)

	A	B	C	D
a	0	0	0	0
b	0	0	0	0
c	0	0	0	0
d	0	0	0	0

(g)

	A	B	C	D
a	52	152	52	52
b	52	152	52	52
c	48	148	48	48
d	48	148	48	48

(h)

n+1 FRAME

	A	B	C	D
a	52	152	52	52
b	52	152	52	52
c	48	148	48	48
d	48	148	48	48

(d)

$L_a=100$   $L_b=100$

0	1	0	0
0	1	0	0
0	1	0	0
0	1	0	0

(e)

	A	B	C	D
a	50	150	50	50
b	50	150	50	50
c	50	150	50	50
d	50	150	50	50

(f)

Fig. 2

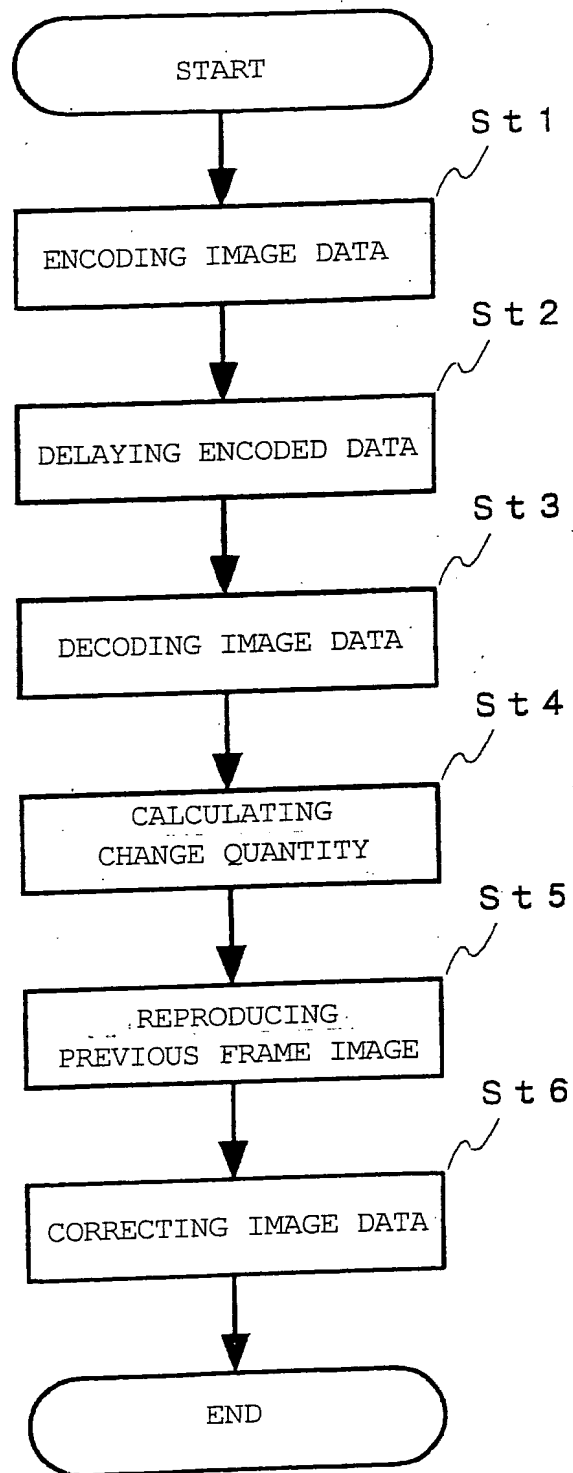


Fig. 3

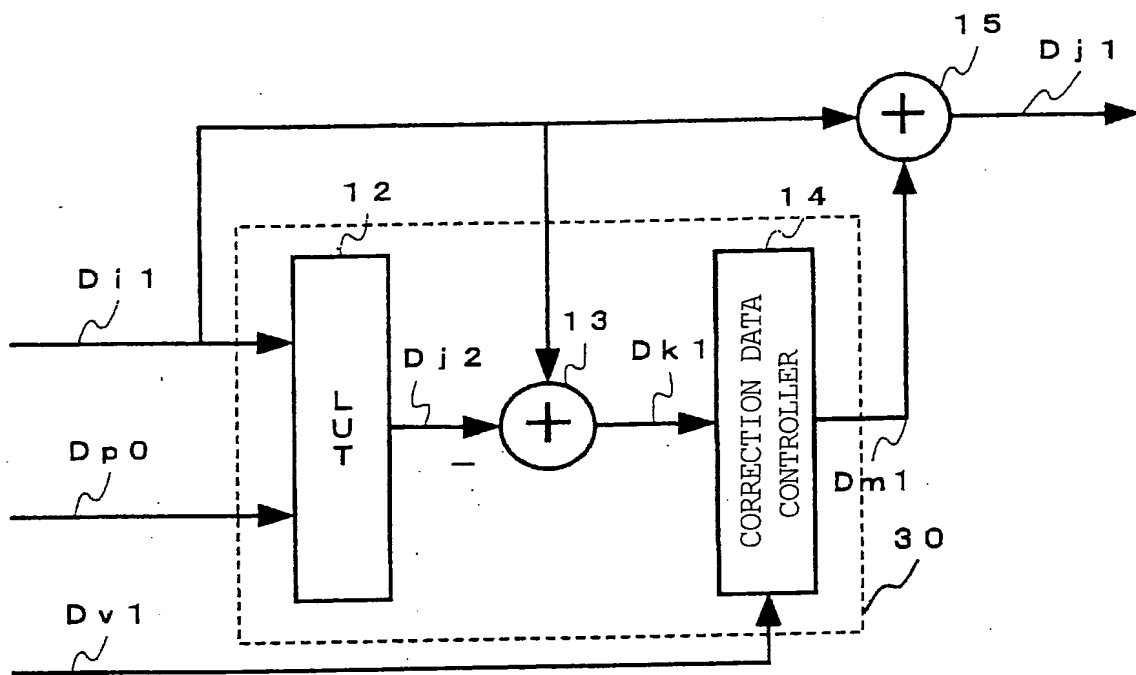


Fig. 4

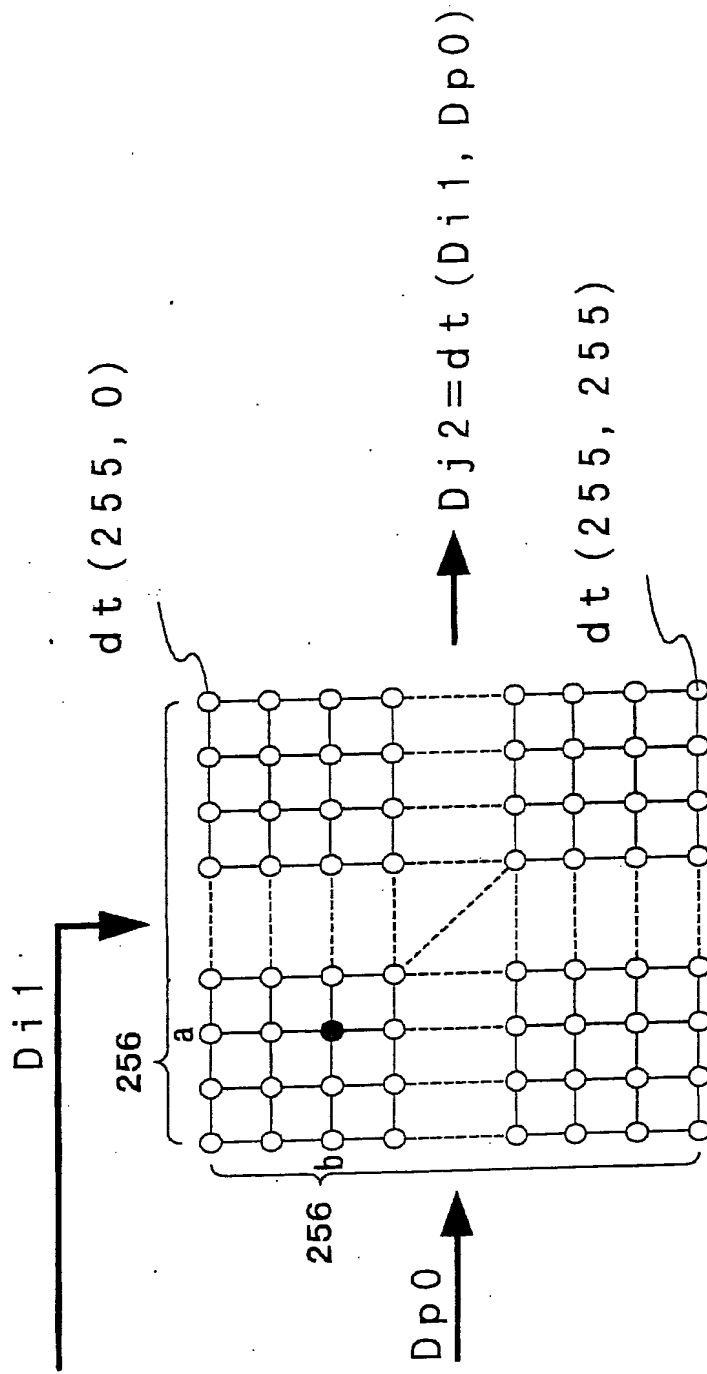


Fig. 5

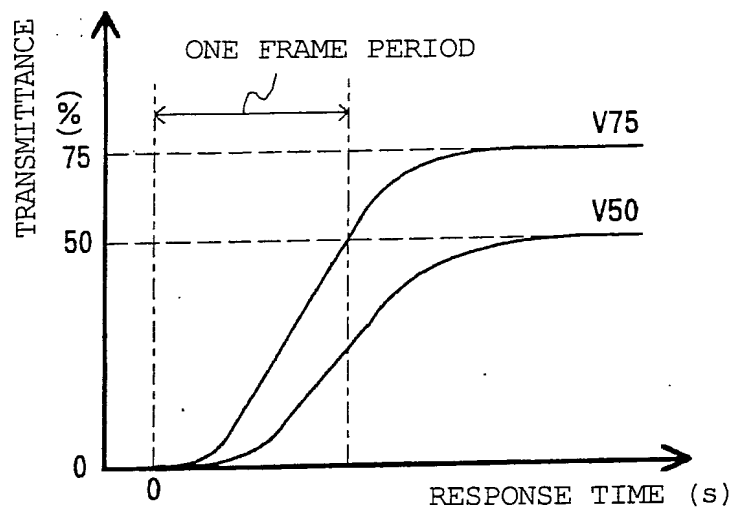


Fig. 6

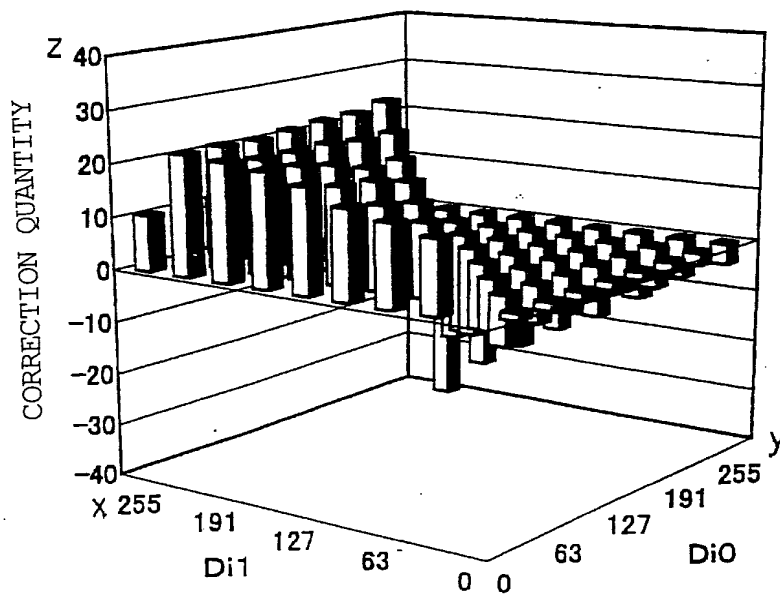


Fig. 7

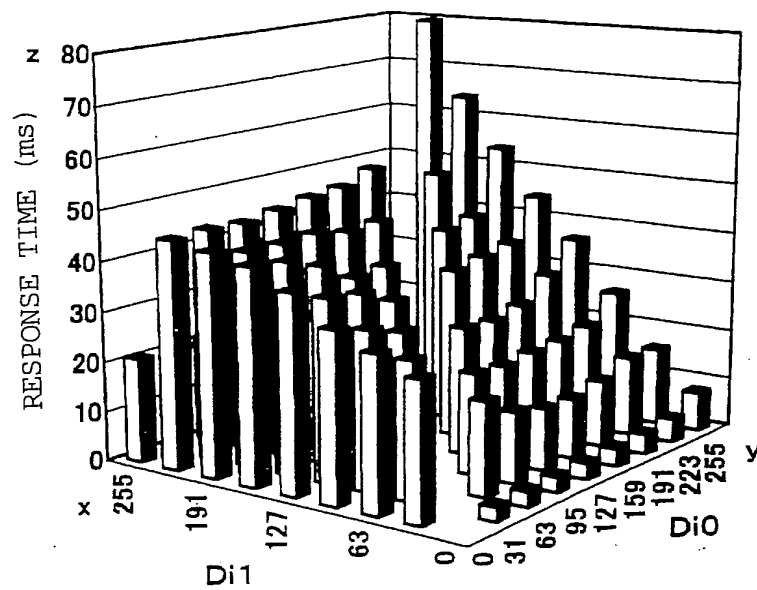


Fig. 8

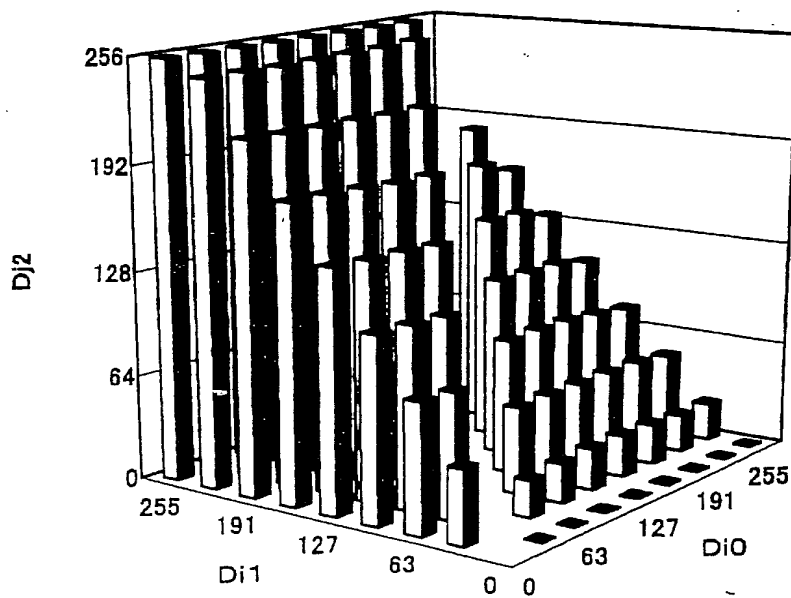


Fig. 9

OUTPUTTING  $0 < Dv1 < Th1 \Rightarrow k0$

OUTPUTTING  $Th1 \leq Dv1 < Th2 \Rightarrow k1$

OUTPUTTING  $Th2 \leq Dv1 < Th3 \Rightarrow k2$

Th1: FIRST THRESHOLD VALUE

Th2: SECOND THRESHOLD VALUE

Th3: THIRD THRESHOLD VALUE

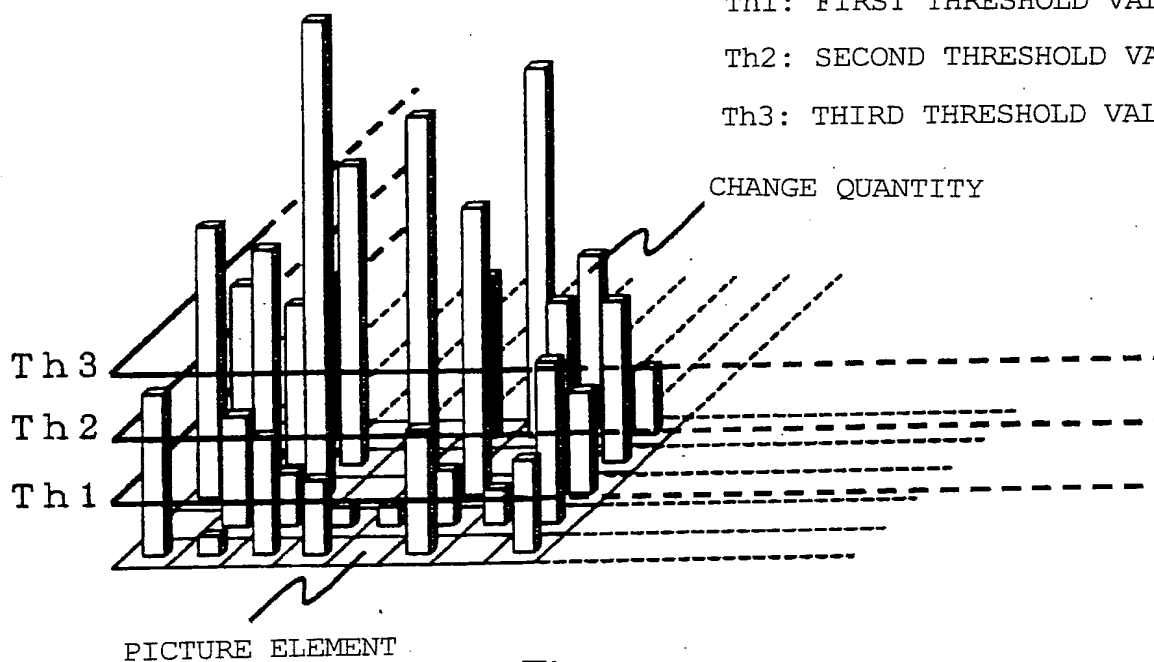


Fig. 10

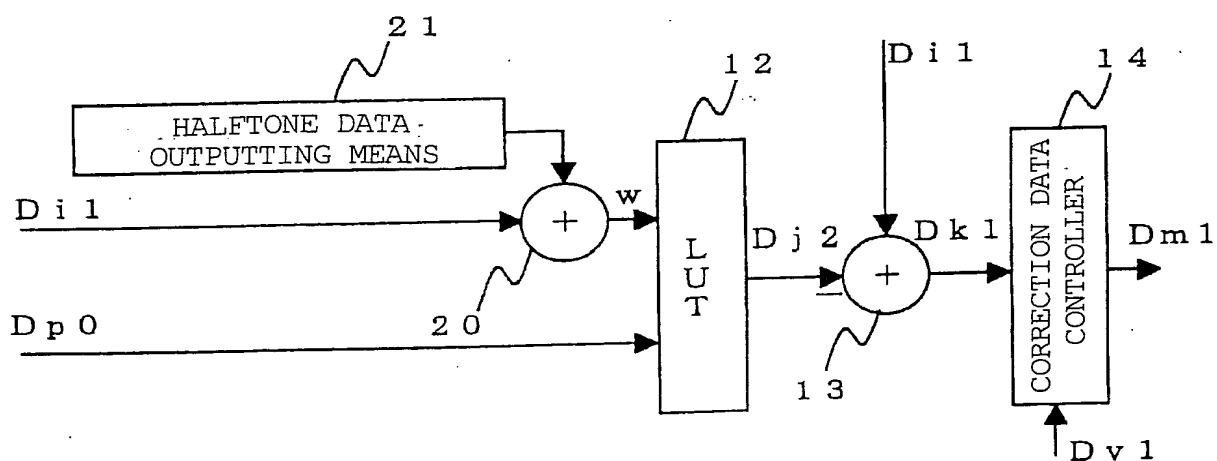


Fig. 11

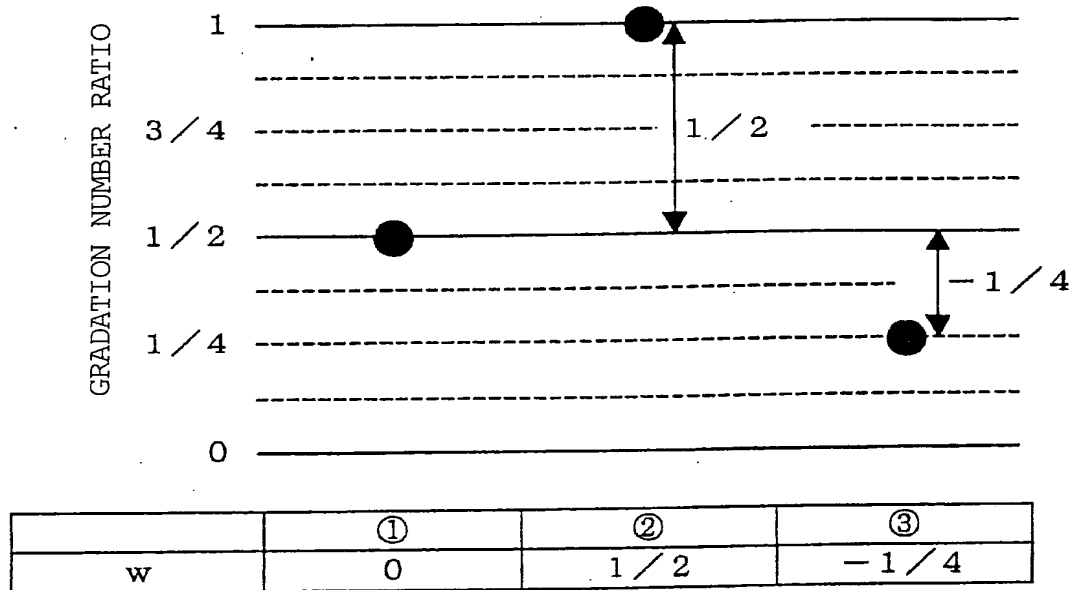


Fig. 12

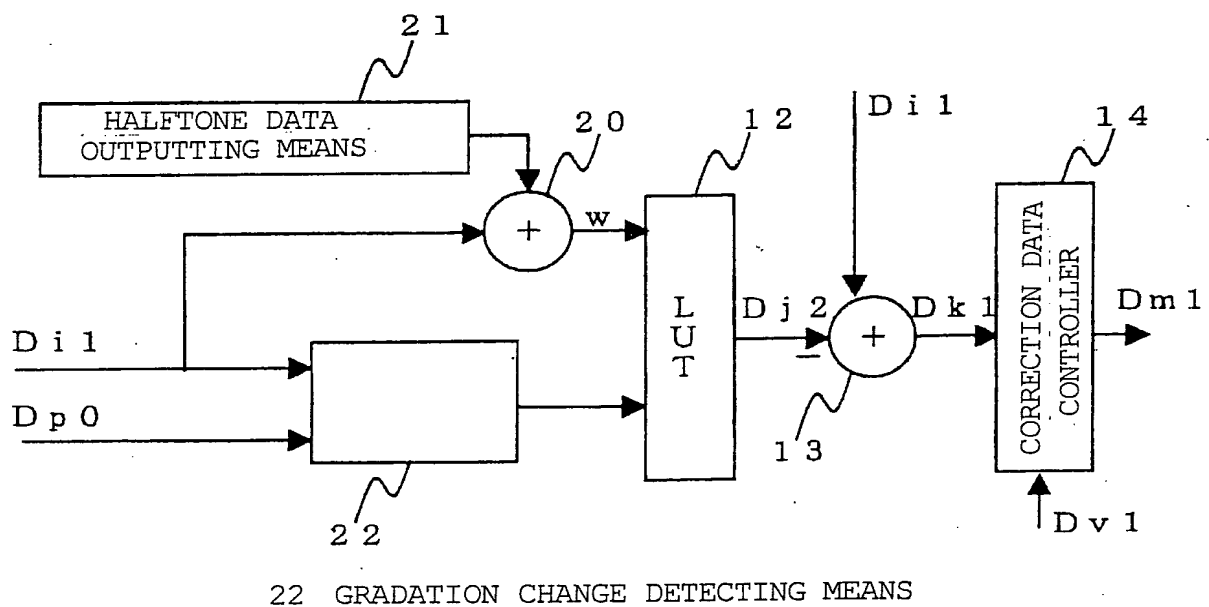


Fig. 13

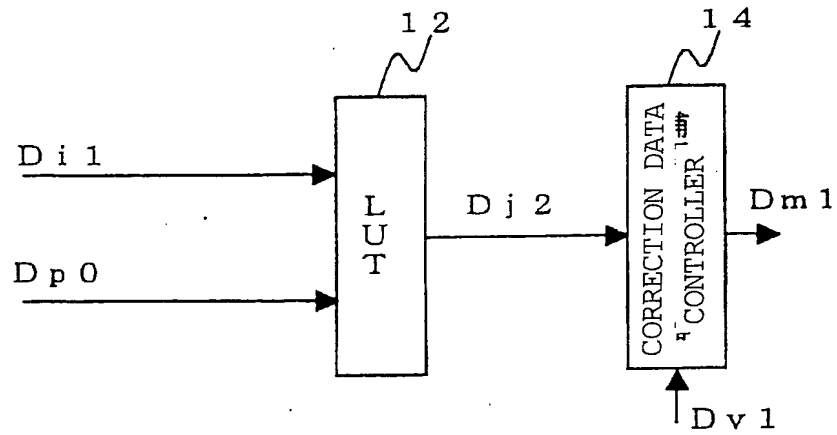


Fig. 14

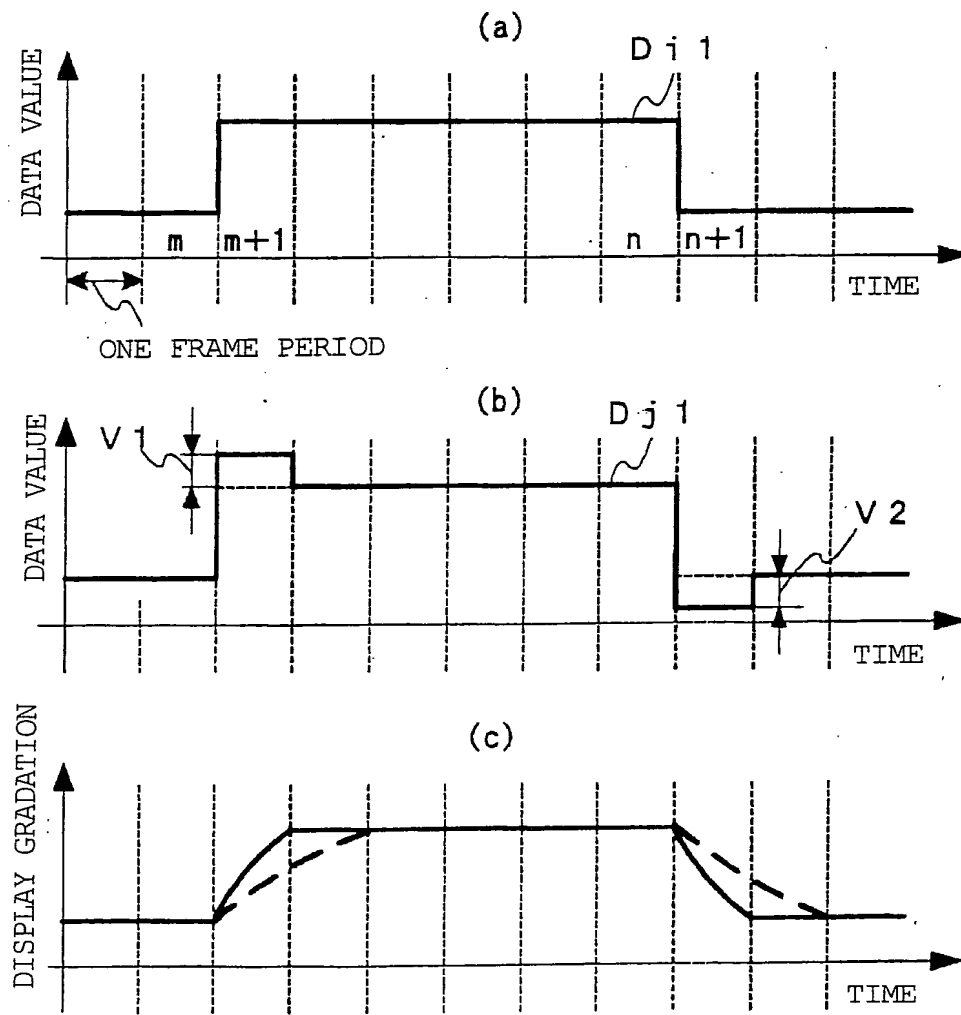


Fig. 15

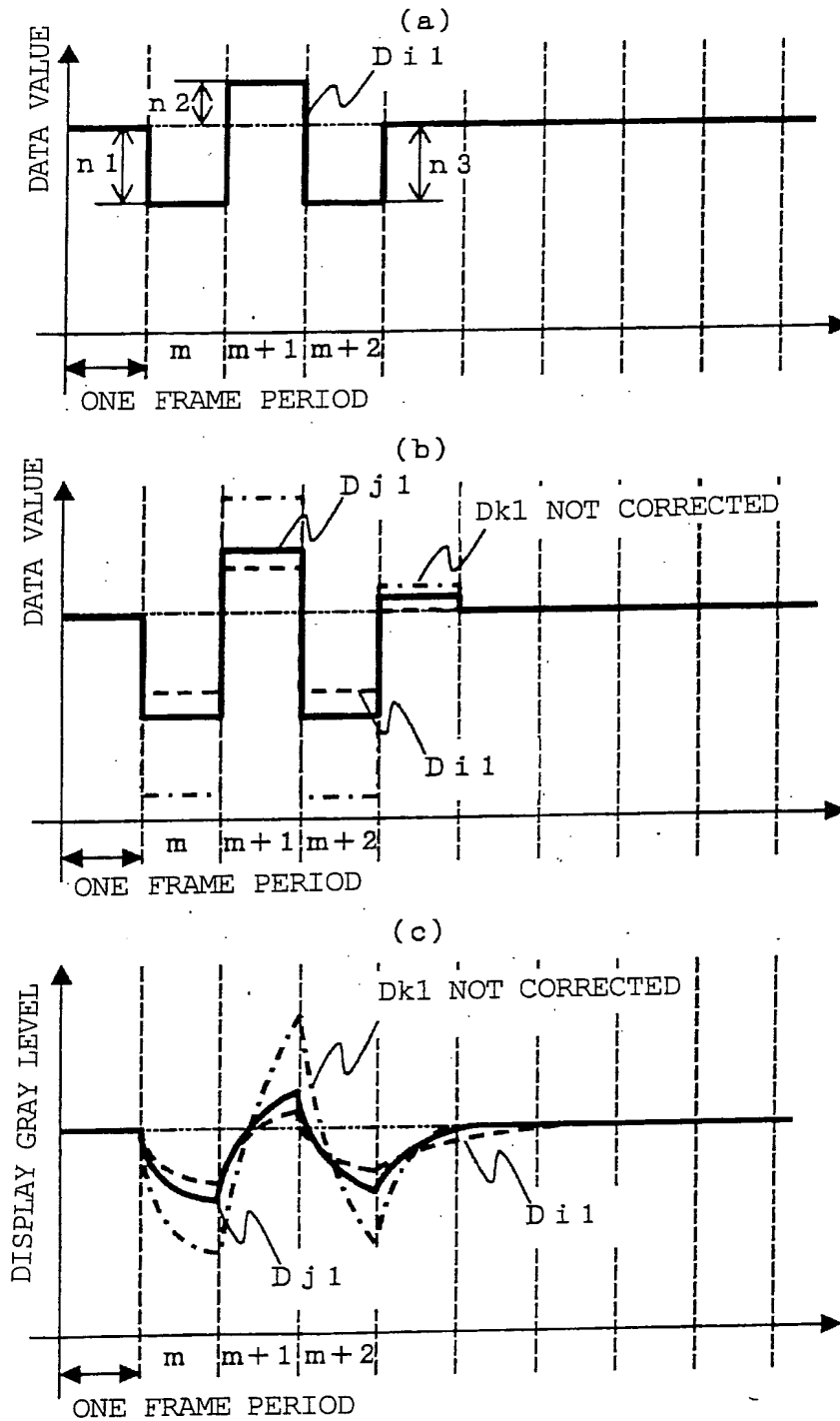


Fig. 16

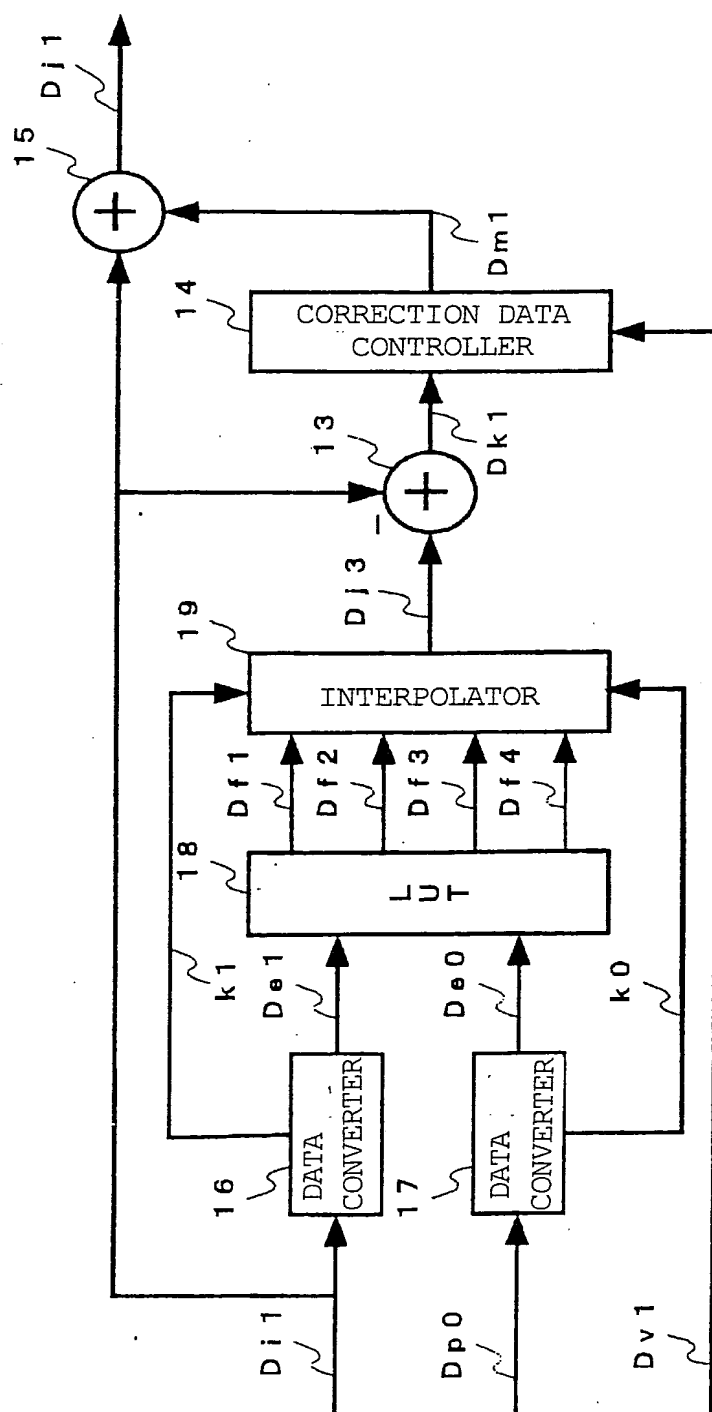


Fig. 17

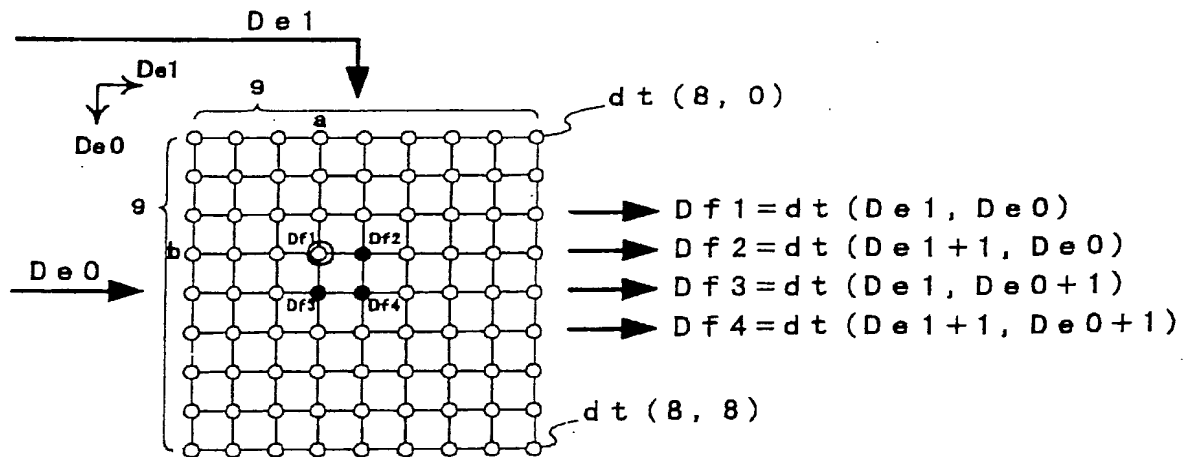


Fig. 18

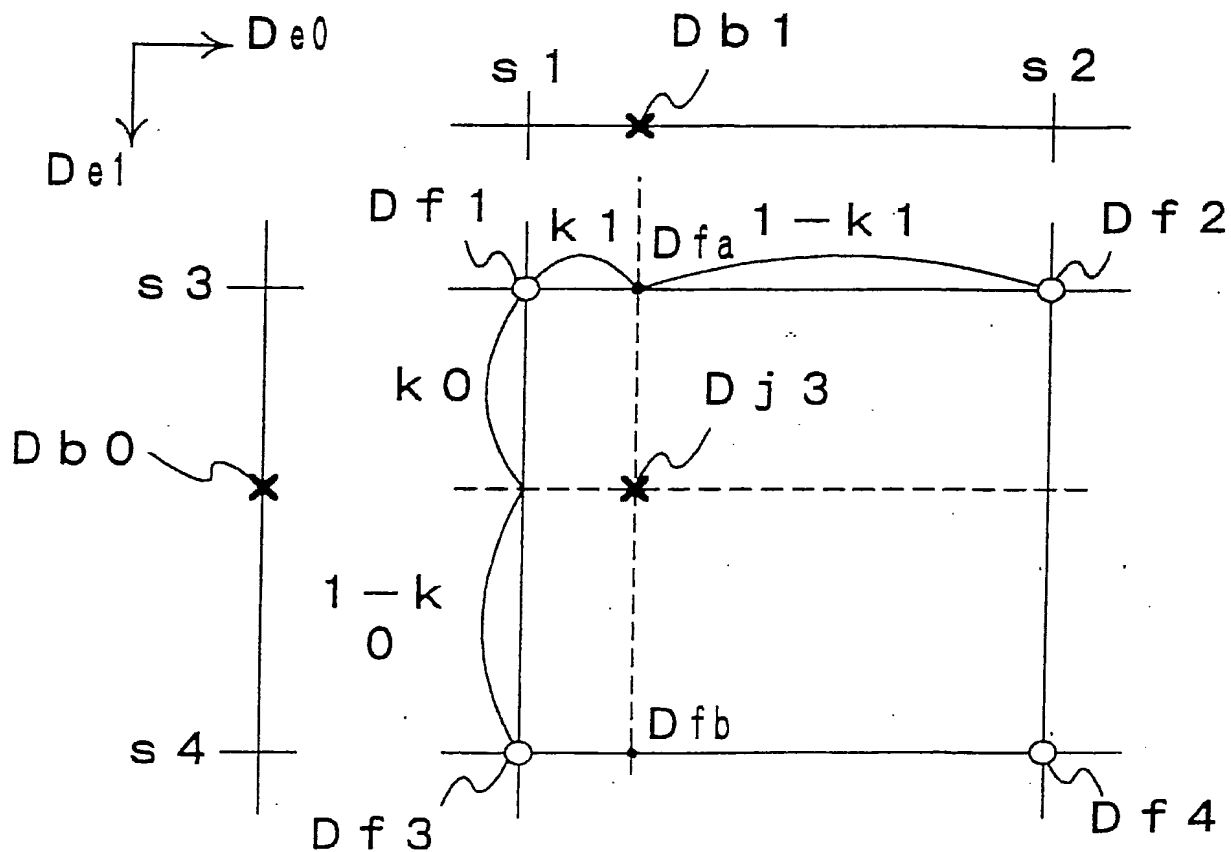


Fig. 19